Marine Micropaleontology, 19 (1992) 369–370
Elsevier Science Publishers B.V., Amsterdam

Contents Volume 19, 1992

Special Issue: Approaches to Paleoproductivity Reconstructions, Edited by G.J. van der Zwaan, F.J. Jorissen and W.J. Zachariasse (Utrecht, The Netherlands)

Increasing seasonal upwelling in the subtropical South Atlantic over the past 700,000 yrs: Evidence from deep-living planktonic foraminifera
G.P. Lohmann (Woods Hole, MA, USA) 1
Planktic foraminiferal diversity as indicator of ocean environments
J.J. Ottens and A.J. Nederbragt (Amsterdam, The Netherlands) 13
Comparison of Quaternary coastal upwelling proxies off central Peru
H. Schrader (Bergen, Norway) 29
Late Pliocene to early Pleistocene astronomically forced sea surface productivity and temperature variations in the Mediterranean
L.J. Lourens, F.J. Hilgen, L. Gudjonsson and W.J. Zachariasse (Utrecht, The Netherlands) 49
Deep-sea benthic foraminifera and biogenic opal: Glacial to postglacial productivity changes in the western equatorial Pacific
J.C. Herguera (La Jolla, CA, USA) 79
"Blue-ocean" paleoproductivity estimates from pelagic carbonate mass accumulation rates
G.J.A. Brummer and A.J.M. van Eijden (Amsterdam, The Netherlands) 99
Short term processes and patterns in the foraminiferal response to organic flux rates
A.V. Altenbach (Kiel, Germany) 119
Vertical distribution of benthic foraminifera in the northern Adriatic Sea: The relation with the organix flux
F.J. Jorissen (Utrecht, The Netherlands), D.M. Barmawidjaja (Bandung, Indonesia), S. Puskaric (Rovinj, Croatia) and G.J. van der Zwaan (Utrecht, The Netherlands) 131
The carbon isotope distribution in the deep ΣCO_2 and benthic foraminifers of the Alboran Basin, western Mediterranean: Implications for variations in primary production levels since the last deglaciation
C. Vergnaud Grazzini and C. Pierre (Paris, France) 147
Simulating the effect of changing organic flux and oxygen content on the distribution of bethic foraminifers
P.G. Sjoerdsma and G.J. van der Zwaan (Utrecht, The Netherlands) 163

Regular Research Papers

Paleoceanographic significance of Neogene benthic foraminiferal changes in a southwest Pacific bathyal depth transect
K. Kurihara (Tokyo, Japan) and J.P. Kennett (Santa Barbara, CA, USA) 181
High-resolution diatom stratigraphy of Quaternary sediments from the Scotia Sea
R.W. Jordan and C.J. Pudsey (Cambridge, UK) 201
Predicting extinctions of some extant planktic foraminifera
D.G. Jenkins (Cardiff, UK and Columbus, OH, USA) 239
Biosynthesis of glycosaminoglycans in foraminifera: A review
M.R. Langer (Berkeley, CA, USA) 245
Abyssal recolonization by benthic foraminifera after the Cenomanian/Turonian boundary anoxic event in the North Atlantic
W. Kuhnt (Tübingen, Germany) 257
Do planktic foraminifera accurately record shifts in the carbon isotopic composition of seawater ΣCO_2?
H.J. Spero (Davis, CA, USA) 275
Skeletal growth of a spongiose radiolarian *Dictyocoryne truncatum* in laboratory cults
A. Matsuoko (Niigata, Japan) 287
Experimental and observational studies of radiolarian physiological ecology: 5. Temperature and salinity tolerance of *Dictyocoryne truncatum*
A. Matsuoko (Niigata, Japan) and O.R. Anderson (Palisades, NY, USA) 299
Modern distribution of diatoms in sediments from the George V Coast, Antarctica
A. Leventer (Columbus, OH, USA) 315

Living coccolithophore communities in the Norwegian–Greenland Sea and their record in sediments
C. Samtleben and A. Schröder (Kiel, Germany) 333
Uvigerina proboscidea abundances and paleoceanography of the northern Indian Ocean DSDP Site 214 during the Late Neogene
A.K. Gupta (Kharagpur, India) and M.S. Srinivasan (Varanasi, India) 355